Compugen Ltd. GenCore version Copyright (c) 1993 - 2000

 nucleic search, using sw model OM nucleic

Search time 60.14 Seconds (without alignments) 1874.722 Million cell updates/sec •• August 17, 2002, 17:37:42 Run on:

..actttgaacagagctggtag atgtgttccctccccatggc.... US-09-769-878-3 score: Sequence: Perfect Title

459

383533 segs, 122816752 residues

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Scoring table:

767066 hits satisfying chosen parameters: Total number of

Minimum DB seq length: 0 Maximum DB seq length: 200000000

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Maximum Match 100%
Listing first 45 summaries

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4	99.	m	28	4	-09-348-94	equence 4, App
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9	60		64	4	-09-348-942-	6, App
7	÷.		Ħ	ť	-000-630	1, App
80	90		71	m	-08-862-73	1, App
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	4		$^{\circ}$	m	-08-862-730C-	27, Ap
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	ä	0	9	4	-09-131-247-	1, App
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Sequence 1, Application US/09316081

Patent No. 6339141

GENERAL INFORMATION:
APPLICANT: Ballinger, Dennis G.
APPLICANT: Pace, Ann M.
TITLE OF INVENTION: Interleukin-1 Hy2 Materials and Methods FILE REFERENCE: 28110/35659
CURRENT APPLICATION NUMBER: US/09/316,081
CURRENT FILING DATE: 1999-05-20
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.0 ORGANISM: Homo saptens ; FEATURE: ; NAME/KEY: CDS ; LOCATION: (54)..(512) US-09-316-081-1 SOFTWARE: Pat SEQ ID NO 1 LENGTH: 998 RESULT 1 US-09-316-081-1 DXA

Length 998; Indels 3; DB 4; 1.8e-120; tes 2; Score 455.8; Pred. No. 3.8e 0; Mismatches 99.3%; ilarity 99.6%; Conservative (Query Match Best Local Similarity Matches 457; Conser

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                                                                        Sequence 3, Application US/09316081

Patent No. 6339141

GENERAL INFORMATION:
APPLICANT: Ballinger, Dennis G.
APPLICANT: Pace, Ann M.
TITLE OF INVENTION: Interleukin-1 Hy2 Materials and Methods
FILE REFERENCE: 28110/35659
CURRENT APPLICATION NUMBER: US/09/316,081
CURRENT FILING DATE: 1999-05-20
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.0
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; NAME/KEY: CDS
; LOCATION: (3)..(512)
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Sequence 4, Application US/09417455

US-09-417-455-4

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Pred. No. 5.9e-22;
0; Mismatches 158;
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CURRENT APPLICATION NUMBER: US/09/417,455

CURRENT FILING DATE: 1999-10-13

PRIOR APPLICATION NUMBER: US 09/348,942

PRIOR FILING DATE: 1999-07-07

PRIOR FILING DATE: 1999-04-05

PRIOR FILING DATE: 1999-01-13

PRIOR APPLICATION NUMBER: US 09/251,370

PRIOR FILING DATE: 1999-01-13

PRIOR FILING DATE: 1998-07-31

PRIOR FILING DATE: 1998-06-19

PRIOR FILING DATE: 1998-06-15

PRIOR FILING DATE: 1998-05-15

PRIOR FILING DATE: 1998-05-15
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NUMBER OF SEQ ID NOS: 30
SOFTWARE: FastSEQ for Windows Version 3.0
                                                             NOVEL INTERLEUKIN-1
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ilarity 58.4%;
Conservative (
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Patent No. 6294655
GENERAL INFORMATION:
APPLICANT: Ford, John
APPLICANT: Pace, Ann
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Best Local Similarity
Matches 230; Conser
                                                            TITLE OF INVENTION:
FILE REFERENCE: 281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; NAME/KEY: CDS
; LOCATION: (73)
US-09-417-455-4
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 protein search, using sw model OM protein Search time 29 Seconds (without alignments) 128.024 Million cell updates/sec 2002, 18:50:54; August 17, Run on:

1 MCSLPMARYYIIKYADQKAL.....QLTKESEPSART US-09-769-878-4 818 Title: Perfect score: Sequence:

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Gapop 10.0 , Gapext **BLOSUM62** Scoring table:

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231628 seqs, 24425594 residues Searched:

8 23162 hits satisfying chosen parameters: Total number of

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database

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 /cgn2_6/ptodata/2/laa/bctUs_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed; and is derived by analysis of the total score distribution.

SUMMARIES

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4		S	4	-09-417-45	eguence 5,
4		S	4	-09-348-94	5, Appl
₹.		155	4	US-09-316-081-5	Sequence 5, Appli
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Ή.		~	٣	-862-73	23, App
ij		~	4	-09-417-455-1	e 10, App
		~	4	-348-942-1	e 10, App
ä		~	4	-316-081-	6, Appl
ä		~	4	-417-45	9, Appl
;		~	4	-09-348-94	9, Appl
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ä		~	m	-00-600-630C-	21, App
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ALIGNMENTS

RESULT 1
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; Patent No. 6339141
; GENERAL INFORMATION:
; APPLICANT: Ballinger, Dennis G.
; APPLICANT: Pace, Ann M.
; TITLE OF INVENTION: Interleukin-1 Hy2 Materials and Methods
; FILE REFERENCE: 28110/35659
; CURRENT APPLICATION NUMBER: US/09/316,081
; CURRENT FILING DATE: 1999-05-20
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 2
LENGTH: 152
; TYPE: PRT
ORGANISM: Homo sapiens
US-09-316-081-2
Best Local Similarity 100.0%; Pred. No. 5.2e-91;
Matches 150: Conservative 0: Mismatches 0: Indels 0:

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RESULT 2 US-09-316-081-4

Sequence 4, Application US/09316081

Sequence 4, Application US/09316081

Patent No. 6339141

GENERAL INFORMATION:
APPLICANT: Ballinger, Dennis G.
APPLICANT: Pace, Ann M.
TITLE OF INVENTION: Interleukin-1 Hy2 Materials and Methods FILE REFERENCE: 28110/35659
CURRENT APPLICATION NUMBER: US/09/316,081
CURRENT FILING DATE: 1999-05-20
NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.0

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APPLICANT: FOLGA, JOHN
TITLE OF INVENTION: A NOVEL INTERLEUKIN-1 RECEPTOR ANTAGONIST AND USES THER
FILE REFERENCE: 28110/38328
CURRENT APPLICATION NUMBER: US/09/417,455
CURRENT APPLICATION NUMBER: US/09/417,455
CURRENT APPLICATION NUMBER: US 09/348,942
PRIOR FILING DATE: 1999-01-03
PRIOR FILING DATE: 1999-04-05
PRIOR PRIOR DATE: 1999-01-13
PRIOR PRIOR DATE: 1999-01-13
PRIOR FILING DATE: 1999-01-13
PRIOR PRIOR DATE: 1999-01-13
PRIOR PELICATION NUMBER: US 09/29,818
PRIOR PELING DATE: 1998-06-19
PRIOR PELING DATE: 1998-06-19
PRIOR FILING DATE: 1998-06-19
PRIOR PELING DATE: 1998-06-19
PRIOR PELING DATE: 1998-06-19
PRIOR PELING DATE: 1998-06-19
PRIOR PELING DATE: 1998-06-10
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                                                                                                                                                                                                                                                                           137
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                                                                                                                                               Gaps
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                                                                                                                                                                             1 MCSLPMARYYIIKYADQKALYTRDGQLLVGDPVADNCCAEKICTLPNRGLDRTKVPIFLG
                                                                                                                                                                                              18 MCSLPMARYYIIKYADQKALYTRDGQLLVGDPVADNCCAEKICTLPNRGLDRTKVPIFLG
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                                                                                                                                               Indels
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                                                                                                            Score 818; DB 4
Pred. No. 6e-91;
Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 4;
                                                                                                                                                                                                                                                                                                                          138 FLCGPAEPQQPVQLTKESEPSARTKFYFEQSW 169
                                                                                                                                                                                                                                                                                                          121 FLCGPAEPQOPVQLTKESEPSARTKFYFEQSW 152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 283;
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FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 5, Application US/09417455
Patent No. 6294655
GENERAL INFORMATION:
APPLICANT: Ford, John
                                                                                            100.0%; Sc
100.0%; P7
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Similarity 45.7%; Pr
3; Conservative 20;
                                                                                                                                             Conservative
; SEQ ID NO 4
; LENGTH: 169
; TYPE: PRT
; ORGANISM: Homo saplens
US-09-316-081-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Homo sapiens
                                                                                                                             152; Conserv
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ID NO 5
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; ORGANISM: Ho
US-09-417-455-5
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US-09-417-455-5
                                                                                                             Query Match
Best Local S
Matches 152
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Best Local 9
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Matches
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77 PSLQLEDVNIEELYKGGEEATRFTFFQSSSGSAFRLEAAAWPGWFLCGPAEPQQPVQLTK 136

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18 KALYTRDGQLLVGDPVADNCC-AEKICTLPNRGLDRTKVPIFLGIQGGSRCLACVETEEG

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THEREOF
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Sequence 5, Application US/09348942

Sequence 5, Application US/09348942

Sequence 5, Application US/09348942

SERVERL INFORMATION:
APPLICANT: JOHN FOOT

TITLE OF INVENTION: A NOVEL INTERLEUKIN-1 RECEPTOR ANTAGONIST AND USES THER

FILE REFERENCE: 2811/075891

CURRENT PELLING DATE: 1999-07-07

EARLIER APPLICATION NUMBER: US/09/348,942

CURRENT PELLING DATE: 1999-04-05

EARLIER FILING DATE: 1999-04-05

EARLIER FILING DATE: 1999-02-17

EARLIER FILING DATE: 1999-02-17

EARLIER PPLICATION NUMBER: US 09/251,370

EARLIER PPLICATION NUMBER: US 09/229,591

EARLIER PPLICATION NUMBER: US 09/099,818

EARLIER FILING DATE: 1998-07-31

EARLIER PPLICATION NUMBER: US 09/099,818

EARLIER PPLICATION NUMBER: US 09/099,818

EARLIER PPLICATION NUMBER: US 09/099,909

EARLIER PPLICATION NUMBER: US 09/099,909

EARLIER FILING DATE: 1998-06-19

EARLIER FILING DATE: 1998-06-19

EARLIER FILING DATE: 1998-06-19

EARLIER PLING DATE: 1998-06-19

EARLIER FILING DATE: 1998-06-19

EARLIER PLING DATE: 1998-04-03

NUMBER OF SEQ ID NOS: 30

SOFTWARE: FASESQ FOR WINDOWS 30
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KALYTRDGQLLVGDPVADNCC-AEKICTLPNRGLDRTKVPIFLGIQGGSRCLACVETEEG 76
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Sequence 5, Application US/09316081
Patent No. 6339141
GENERAL INFORMATION:
APPLICANT: Ballinger, Dennis G.
APPLICANT: Pace, Ann M.
TITLE OF INVENTION: Interleukin-1 Hy2 Materials and Methods FILE REFERENCE: 28110/35659
CURRENT APPLICATION NUMBER: US/09/316,081
CURRENT FILING DATE: 1999-05-20
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Pred. No. 1.9e-26;
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                                                                      137 ESE----PSARTKFYFEQ 150
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                                                                                                                 LPENGGWNAPITDFYFOO
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US-09-348-942-5
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US-09-316-081-5
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BEST AVAILABLE COPY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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TITLE OF INVENTION: DNA Encoding Canine Interleukin-1
TITLE OF INVENTION: Antagonist
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           lock/ Bradley, Arant, Rose
Suite 1400
                                                                                                                                                                                                                                                        Score 283; DB 4; I
Pred. No. 1.9e-26;
0; Mismatches 49;
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Pred. No. 1.2e-23;
6; Mismatches 53;
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ADABLE FORM:
PE: Diskette, 3.50 inch,
IBM compatible
SYSTEM: Microsoft Windows
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     us/09/000, 630C
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; Sequence 23, Application US/09000630C
; Patent No. 6018029
; GENERAL INFORMATION:
; APPLICANT: Fuller, Gerald M
; APPLICANT: Fuentes, Nelson L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                31.8%; Sec. 44.5%; Pre
                                                                                                                                                                                                                                                             34.6%; Sc
Similarity 45.7%; Pr
33; Conservative 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               137 ESE----PSARTKFYFEQ 150
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136 LPENGGWNAPITDFYFQQ 153
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LENGTH: 178 amino acids
TYPE: amino acid
STRANDEDNESS: single
                             2.0
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61; Conservative
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Douglas C
STREET: 2001 Park P1
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver.
                                                                                                                                               sapiens
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COUNTRY: USA
ZIP: 35203-2736
COMPUTER READABLE FOR THE TABLE FOR 
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MOLECULE TYPE: rat
S-09-000-630C-23
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Alabama
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                                                                                                               ; TYPE: PRT
; ORGANISM: HOMO
US-09-316-081-5
                    FIWARE.
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Best Local (
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Matches (
                        SOFTWARE:
                                                                                  LENGTH:
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Sequence 10, Application US/09417455
Sequence 10, Application US/09417455
Patent No. 6294655
GENERAL INFORMATION:
APPLICANT: Ford, John
APPLICANT: Pace, Ann
TITLE OF INVENTION: A NOVEL INTERLEUKIN-1 RECEPTOR ANTAGONIST AND USES THEREOF
FILE REFERENCE: 28110/36328
CURRENT APPLICATION NUMBER: US/09/417,455
CURRENT FILING DATE: 1999-10-13
PRIOR FILING DATE: 1999-07-07
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2001 Park Place, Suite 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                        Canine Interleukin-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 3;
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Pred. No. 1.2e-23;
6; Mismatches 53;
                                                                                                                                                                                                                                                                                                                                                                                                                 WordPerfect 6.0
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                                                                                                           COUNTRY: USA
ZIP: 35203-2736
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  rat IL-1ra sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 44.5%;
Matches 61; Conservative 10
                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible OPERATING SYSTEM: Microsc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       : 178 amino acids amino acids
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                                          135 TK-ESEPSARTKFYFEQ 150
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APPLICATION NUMBER: US,
FILING DATE: 5/23/97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Douglas C I
STREET: 2001 Park Plac
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                                                          160 TNTPKEPCTVTKFYFQE
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MOLECULE TYPE:
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TITLE OF INVENTION: A NOVEL INTERLEUKIN-1 RECEPTOR ANTAGONIST AND USES THEREOF
FILER REFERENCE: 28110/35801
CURRENT APPLICATION NUMBER: US/09/348,942
CURRENT FILING DATE: 1999-07-07
EARLIER APPLICATION NUMBER: PCT/US99/04291
EARLIER APPLICATION NUMBER: US 09/287,210
EARLIER APPLICATION NUMBER: US 09/251,370
EARLIER PILING DATE: 1999-02-17
EARLIER FILING DATE: 1999-02-17
EARLIER FILING DATE: 1999-01-13
EARLIER FILING DATE: 1998-06-19
EARLIER FILING DATE: 1998-05-20
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                                                                             PRIOR APPLICATION NUMBER: US 09/251,370
PRIOR APPLICATION NUMBER: US 09/229,591
PRIOR FILING DATE: 1999-01-13
PRIOR FILING DATE: 1999-01-13
PRIOR FILING DATE: 1998-01-31
PRIOR FILING DATE: 1998-07-31
PRIOR FILING DATE: 1998-06-19
PRIOR FILING DATE: 1998-06-19
PRIOR FILING DATE: 1998-06-19
PRIOR FILING DATE: 1998-05-20
PRIOR FILING DATE: 1998-05-20
PRIOR FILING DATE: 1998-05-15
PRIOR FILING DATE: 1998-05-15
PRIOR FILING DATE: 1998-05-15
PRIOR FILING DATE: 1998-05-15
PRIOR FILING DATE: 1998-04-03
NUMBER OF SEQ ID NOS: 30
SOFTWARE: FASTSEQ for Windows Version 3.0
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APPLICATION NUMBER: US 09/079,909
FILING DATE: 1998-05-15
APPLICATION NUMBER: US 09/055,010
FILING DATE: 1998-04-03
DF SEQ ID NOS: 30
FILING DATE: 1999-04-05
APPLICATION NUMBER: US 09/207
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Sequence 10, Application US/09348942
Patent No. 6337072
GENERAL INFORMATION:
APPLICANT: John Ford
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Matches 61
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APPLICANT: Pace, Ann TITLE OF INVENTION: A NOVEL INTERLEUKIN-1 RECEPTOR ANTAGONIST AND USES THEREOF FILE REFERENCE: 28110/36328 CURRENT APPLICATION NUMBER: US/09/417,455 CURRENT APPLICATION NUMBER: US/09/417,455
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                                                                                                                                    Length 178;
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| Patent No. 6339141
| Patent No. 6339141
| Patent No. 6339141
| Patent InFORMATION:
| APPLICANT: Ballinger, Dennis G.
| APPLICANT: Pace, Ann M.
| TILLE REFERENCE: 28110/35659
| CURRENT APPLICATION NUMBER: US/09/316,081
| CURRENT FILING DATE: 1999-05-20
| NUMBER OF SEQ ID NOS: 11
| SOFTWARE: Patentin Ver. 2.0
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Pred. No. 1.2e-23;
6; Mismatches 53;
                                                                                                                                    Score 260.5; DB 4;
Pred. No. 1.2e-23;
5; Mismatches 53;
SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 10 LENGTH: 178 TYPE: PRT
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Patent No. 6294655
GENERAL INFORMATION:
APPLICANT: Ford, John
APPLICANT: Pace, Ann
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illarity 44.5%;
Conservative 16
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Best Local Similarity 44.5%;
Matches 61; Conservative
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US-09-316-081-6
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61; Conserv
                                                                  ; ORGANISM: Rattus
US-09-348-942-10
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US-09-316-081-6
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APPLICANT: John Ford
TITLE OF INVENTION: A NOVEL INTERLEUKIN-1 RECEPTOR ANTAGONIST AND
FILE REFERENCE: 28110/35801
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Pred. No. 2.7e-23;
; Mismatches 53;
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T FILING DATE: 1999-07-07

ER APPLICATION NUMBER: PCT/US99/04291

ER FILING DATE: 1999-04-05

ER APPLICATION NUMBER: US 09/287,210

ER FILING DATE: 1999-04-05

ER FILING DATE: 1999-04-05
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: 1998-07-31
: 09/099,818
                                                                             PRIOR AFFLICATION NUMBER: US US/28/,210
PRIOR FILING DATE: 1999-04-05
PRIOR FILING DATE: 1999-04-05
PRIOR FILING DATE: 1999-02-17
PRIOR FILING DATE: 1999-02-17
PRIOR FILING DATE: 1999-01-13
PRIOR FILING DATE: 1999-01-13
PRIOR FILING DATE: 1998-07-31
PRIOR FILING DATE: 1998-07-31
PRIOR FILING DATE: 1998-06-19
PRIOR FILING DATE: 1998-06-19
PRIOR FILING DATE: 1998-05-20
PRIOR FILING DATE: 1998-05-20
PRIOR FILING DATE: 1998-05-20
PRIOR FILING DATE: 1998-05-15
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FILING DATE: 1998-05-20
APPLICATION NUMBER: US 09/079,909
FILING DATE: 1998-05-15
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Windows Version 3.0
                              APPLICATION NUMBER: PCT/US99/04291
FILING DATE: 1999-04-05
APPLICATION NUMBER: US 09/287,210
09/348,942
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R APPLICATION NUMBER: US 09
R FILING DATE: 1999-01-13
R APPLICATION NUMBER: US 09
R FILING DATE: 1998-07-31
R APPLICATION NUMBER: US 09
R FILING DATE: 1998-06-19
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NUMBER: US 0
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llarity 44.5%;
Conservative
APPLICATION NUMBER: US FILING DATE: 1999-07-07
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Matches 6
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Patent No. 6018029
GENERAL INFORMATION:
APPLICANT: Fuller, Gerald M
APPLICANT: Fuentes, Nelson L.
TITLE OF INVENTION: Antagonist
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                                                                                                                                                  Score 257.5; DB 4;
Pred. No. 2.7e-23;
; Mismatches 53;
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Pred. No. 4e-23;
I; Mismatches
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                                3.0
EARLIER FILING DATE: 1998-04-03
NUMBER OF SEQ ID NOS: 30
SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 7, Application US/09316081; Patent No. 6339141; GENERAL INFORMATION:
APPLICANT: Ballinger, Dennis G.
APPLICANT: Pace, Ann M.
TITLE OF INVENTION: Interleukin-1 Hy; FILE REFERENCE: 28110/35659
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larity 40.5%; Pr.
Conservative 21;
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llarity 44.5%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                   ; ORGANISM: Mus musculus US-09-348-942-9
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; TYPE: PRT
; ORGANISM: Sus scrofa
US-09-316-081-7
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Best Local Similarity
Matches 62; Conser
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US-09-000-630C-21
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US-09-316-081-7
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Best Local S
Matches 61
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                                 & White
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US-08-862-730C-21
; Sequence 21, Application US/08862730C
; Patent No. 6063600
; GENERAL INFORMATION:
; APPLICANT: Fuller, Gerald M
; APPLICANT: Fuentes, Nelson L.
; TITLE OF INVENTION: Antagonist
; TITLE OF INVENTION: Antagonist
; TITLE OF SEQUENCES: 27
                                                                                                                                                                                                                                                                                                                                   BEST AVAI
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Douglas C Murdock/ Bradley, Arant, Rose
STREET: 2001 Park Place, Suite 1400
CITY: Birmingham
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Douglas C Murdock/ Bradley, Arant, Rose
STREET: 2001 Park Place, Suite 1400
CITY: Birmingham
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           31.2%; Score 255.5; DB 3; ilarity 44.5%; Pred. No. 4.7e-23; Conservative 16; Mismatches 53;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch,
COMPUTER: IBM compatible
OPERATING SYSTEM: Microsoft Windows
SOFTWARE: WordPerfect 6.0
                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch,
COMPUTER: IBM compatible
OPERATING SYSTEM: Microsoft Windows
SOFTWARE: WordPerfect 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/000,630C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/862,730C
FILING DATE: 5/23/97
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                        mouse IL-1ra sequence
                                                                                                                                                                                                                                                                                                08/862,730
                                                                                                                                                                                                                                                                                                                                   21:
                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/86
FILING DATE:
INFORMATION FOR SEQ ID NO: 21
SEQUENCE CHARACTERISTICS:
LENGTH: 178 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                                                                                                                                                                                             FILING DATE:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 35203-2736
                                                                                                      COUNTRY: USA
ZIP: 35203-2736
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Best Local Similarity
                                                                                       Alabama
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US-09-000-630C-21
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Gaps
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                                                                                               Length 178;
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                                                                                             Ouery Match
31.2%; Score 255.5; DB 3;
Best Local Similarity 44.5%; Pred. No. 4.7e-23;
Matches 61; Conservative 16; Mismatches 53;
                                                                                                                                                                                                                                                                                                               Search completed: August 17, 2002, 18:50:54 Job time: 4386 sec
                                                 mouse IL-lra sequence
; LENGTH: 178 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: mouse IL-lra
US-08-862-730C-21
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ö 120 998; みどかになって and Methods Length Indels Sequence 3, Application US/09316081
; Patent No. 6339141
; GENERAL INFORMATION:
; APPLICANT: Ballinger, Dennis G.
APPLICANT: Pace, Ann M.
; TITLE OF INVENTION: Interleukin-1 Hy2 Materials and FILE REFERENCE: 28110/35659
; CURRENT APPLICATION NUMBER: US/09/316,081
; CURRENT FILING DATE: 1999-05-20
; NUMBER OF SEQ ID NOS: 11
SOFTWARE: Patentin Ver. 2.0 Score 455.8; DB 4; Pred. No. 3.8e-120;); Mismatches 2; 45 ö 99.3%; ilarity 99.6%; Conservative NAME/KEY: CDS LOCATION: (3)..(512) -09-316-081-3 Query Match Best Local Similarity Matches 457; Conser Homo ID NO 3 RESULT 2 US-09-316-081-3 DNA ORGANISM: FEATURE LENGTH 414 54 361 TYPE: 61 421 à g ö d

PRIOR FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 09/079,909
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: US 09/055,010
PRIOR FILING DATE: 1998-04-03
NUMBER OF SEQ ID NOS: 30
SOFTWARE: FastSEQ for Windows Version 3.0

; FEATURE: ; NAME/KEY: CDS ; LOCATION: (73)...(537) US-09-417-455-4

ORGANISM: Homo sapiens

ID NO 4 ENGTH: 1282 DNA

NUMBER: US 09/082,364 1998-05-20

R FILING DATE: 1998-06-19
R APPLICATION NUMBER: US 09
R FILING DATE: 1998-05-20
R APPLICATION NUMBER: US 09
R FILING DATE: 1998-05-15
R APPLICATION NUMBER: US 09

DR FILING DATE: 1999-04-05

DR APPLICATION NUMBER: US 09/287,210

DR FILING DATE: 1999-04-05

DR APPLICATION NUMBER: US 09/251,370

DR APPLICATION NUMBER: US 09/229,591

DR FILING DATE: 1999-01-13

DR FILING DATE: 1999-01-13

DR APPLICATION NUMBER: US 09/127,698

DR FILING DATE: 1998-07-31

DR FILING DATE: 1998-07-31

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GENERAL INFORMATION:
APPLICANT: Ford, John
APPLICANT: Pace, Ann
TITLE OF INVENTION: A NOVEL INTERLEDKIN-1 RECEPTOR ANTAGONIST AND USES THEREOF
FILE REFERENCE: 28110/36328
CURRENT APPLICATION NUMBER: US/09/417,455
CURRENT APPLICATION NUMBER: US 09/348,942
PRIOR APPLICATION NUMBER: US 09/348,942
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: PCT/US99/04291

180 300 360 240 293 353 413 173 233 473 agccc tgggg ||||| gctgg gctgg cagag cagag agccc tgggg tcacc tcacc 459 361 114 121 174 181 234 241 294 301 354 414 421 474 g a g g a a g ð a à ð ð ð à ö ð

-417-455-4 ruence 4, Application US/0941745

Sequence 4

RESULT 60-SD

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                    Gaps
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                   9
Length 1282;
                    Indels
                   158;
 DB 4;
Score 109.2; DB 4 Pred. No. 5.9e-22; ); Mismatches 158
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 23.8%;
llarity 58.4%;
Conservative
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  Match
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Best Local
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